

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019616.D
 Acq On : 24 Nov 2020 19:24
 Operator : JC/MD
 Sample : L4882-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B48-112320-15.5-16.5

Quant Time: Nov 25 05:58:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	496546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190475	48.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.50%		
35) Dibromofluoromethane	5.46	113	149577	47.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.98%		
50) Toluene-d8	8.70	98	610351	50.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.78%		
62) 4-Bromofluorobenzene	11.12	95	204464	46.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.84%		

Target Compounds

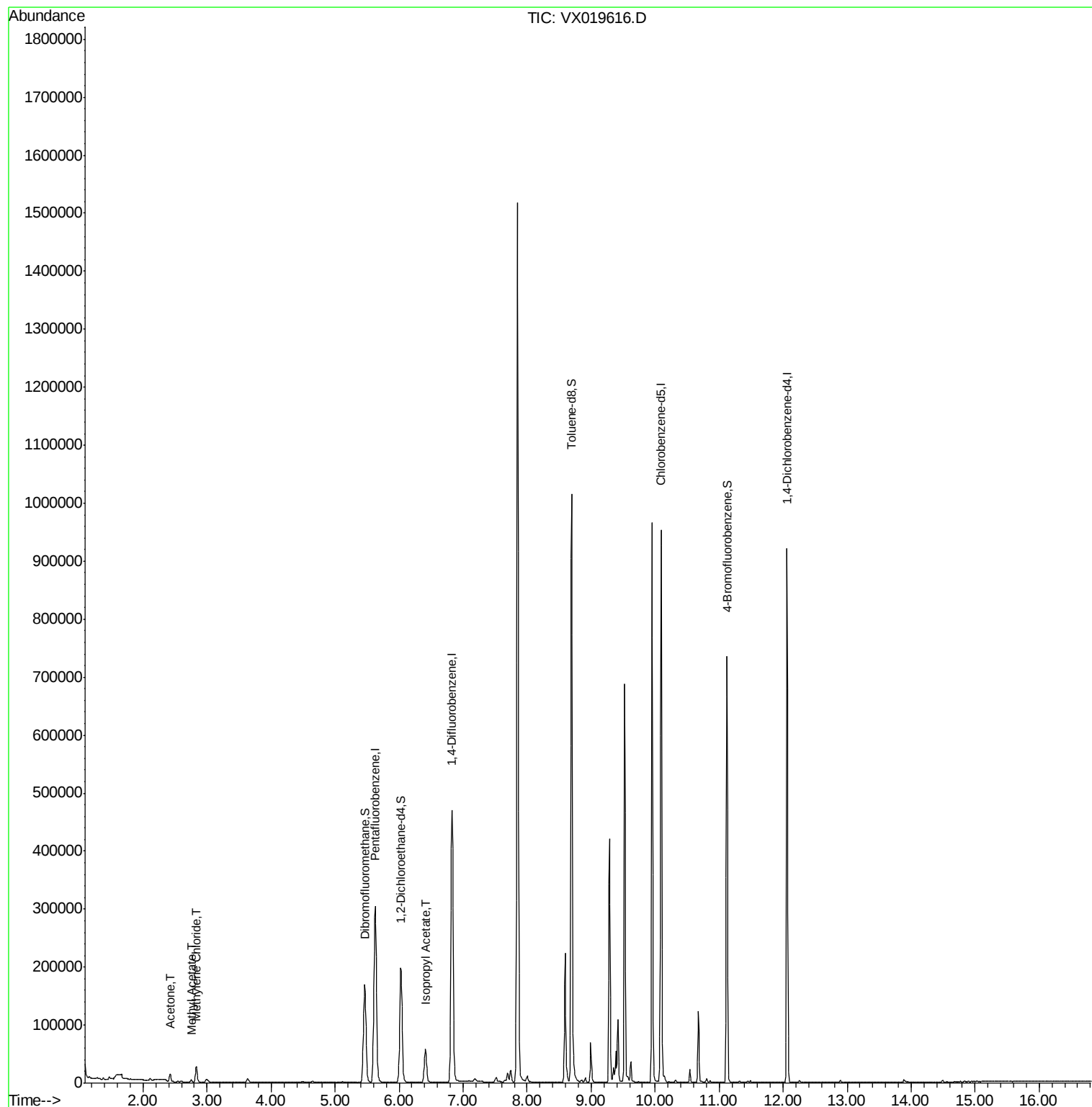
					Qvalue
16) Acetone	2.42	43	13849	9.166	ug/l 99
18) Methyl Acetate	2.75	43	4572	1.853	ug/l 100
20) Methylene Chloride	2.83	84	13644	3.613	ug/l 99
43) Isopropyl Acetate	6.41	43	76115	10.361	ug/l 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019616.D

Acq: 24 Nov 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

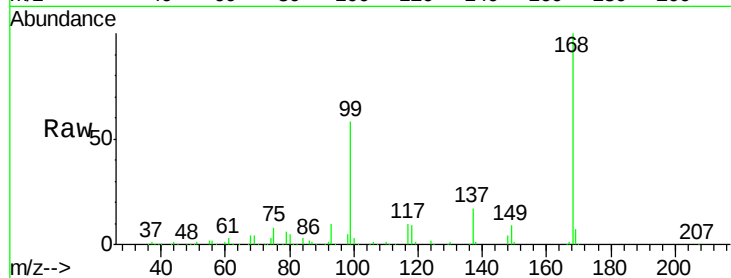
PAV-B48-112320-15.5-16.5

Tot Ion:168 Resp: 301316

Ion Ratio Lower Upper

168 100

99 57.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

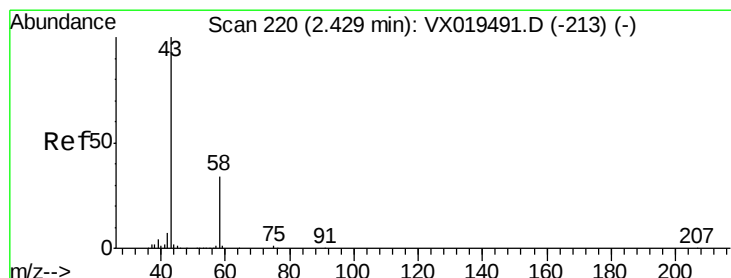
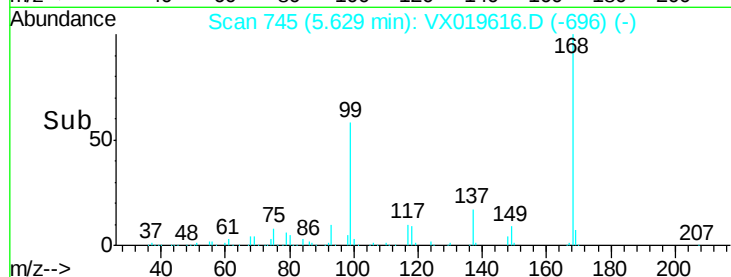
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.166 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019616.D

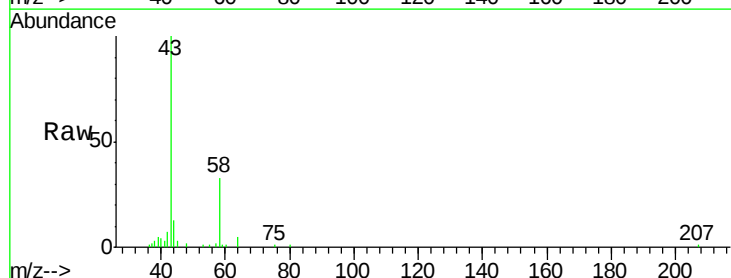
Acq: 24 Nov 2020 19:24

Tgt Ion: 43 Resp: 13849

Ion Ratio Lower Upper

43 100

58 33.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

10000

8000

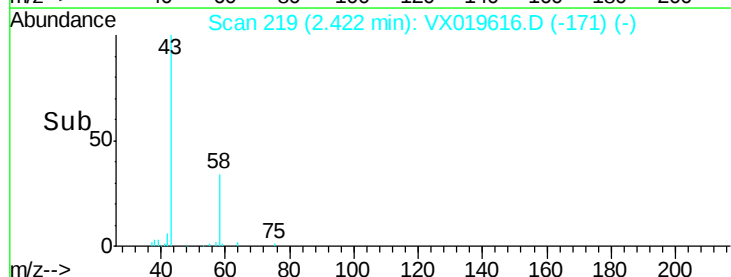
6000

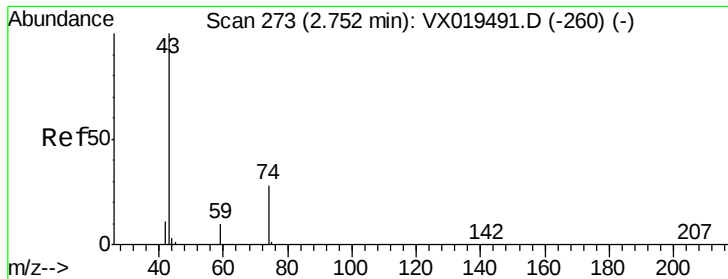
4000

2000

0

Time-->

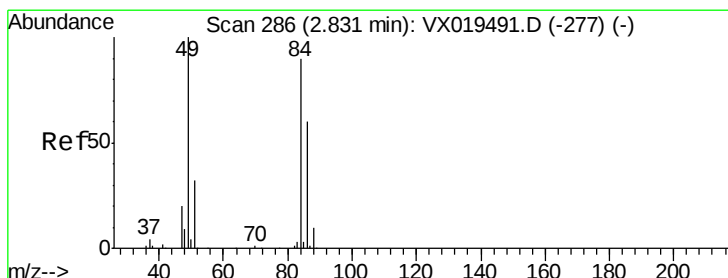
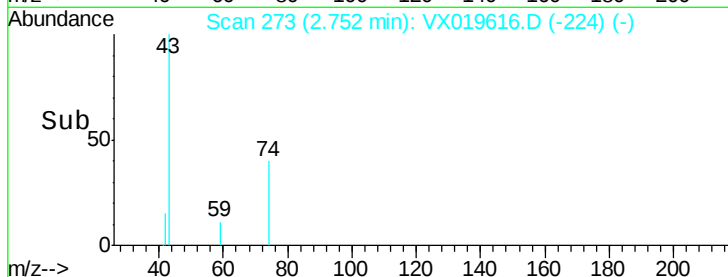
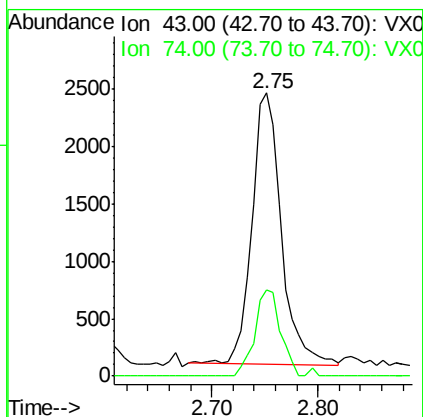
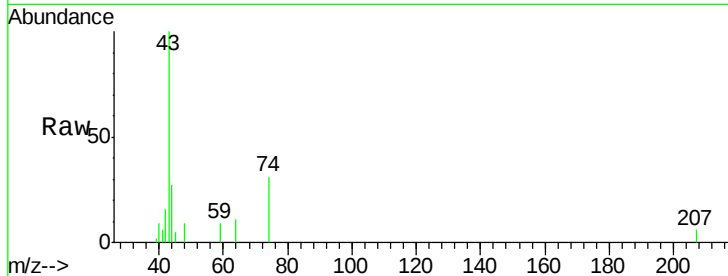




#18
Methvl Acetate
Concen: 1.853 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019616.D
Acq: 24 Nov 2020 19:24

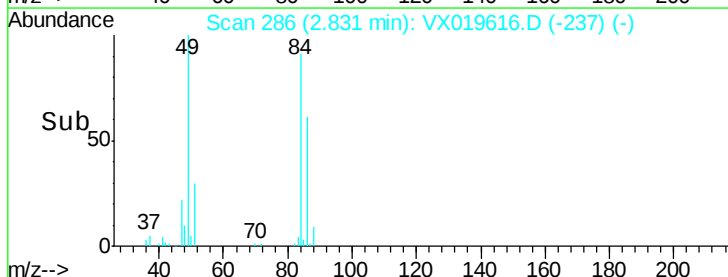
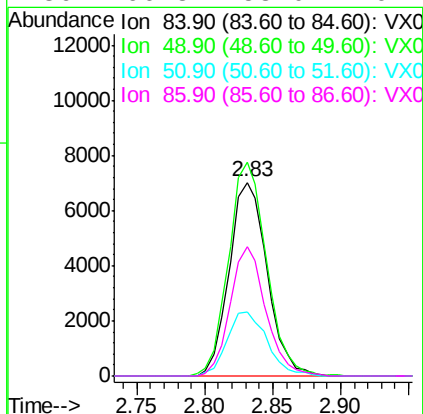
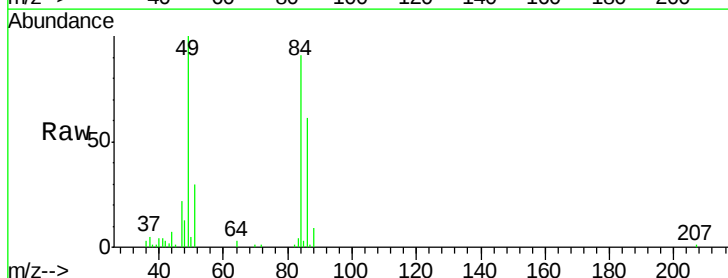
Instrument :
MSVOA_X
ClientSampleId :
PAV-B48-112320-15.5-16.5

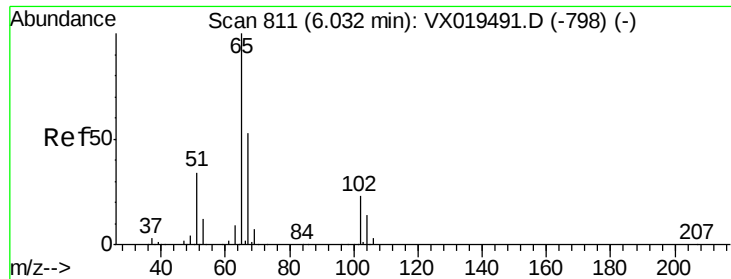
Tot Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
74 27.9 22.2 33.4



#20
Methylene Chloride
Concen: 3.613 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019616.D
Acq: 24 Nov 2020 19:24

Tgt Ion: 84 Resp: 13644
Ion Ratio Lower Upper
84 100
49 110.1 88.5 132.7
51 33.3 28.0 42.0
86 66.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.755 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019616.D

Acq: 24 Nov 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

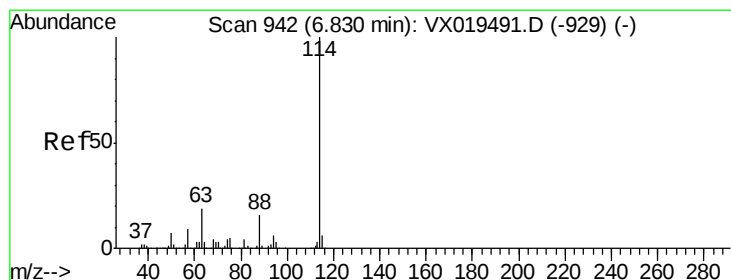
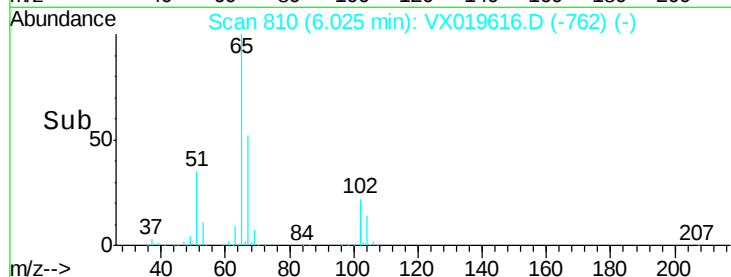
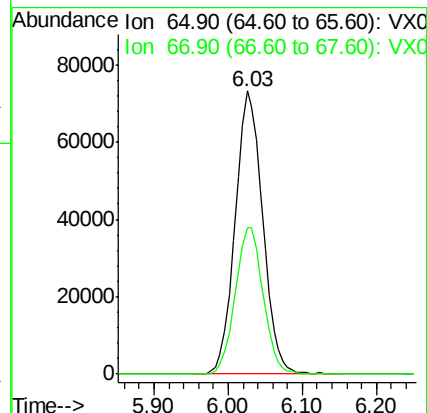
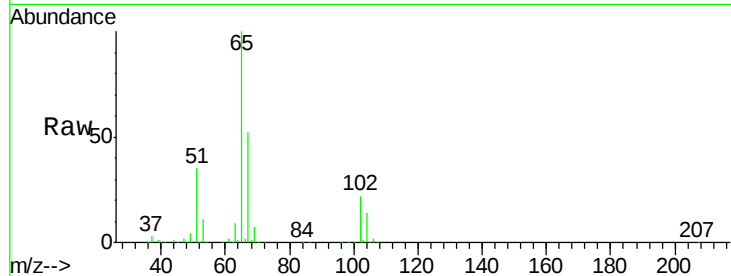
PAV-B48-112320-15.5-16.5

Tot Ion: 65 Resp: 190475

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019616.D

Acq: 24 Nov 2020 19:24

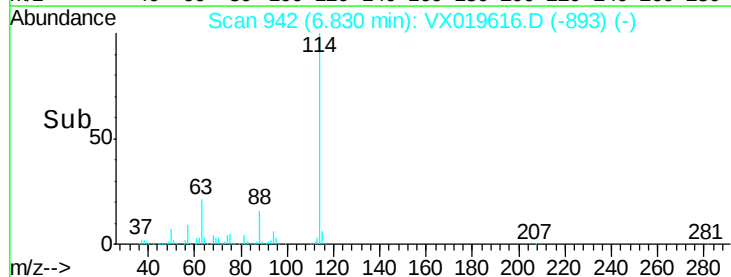
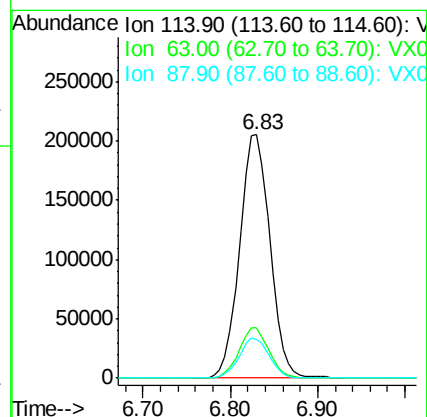
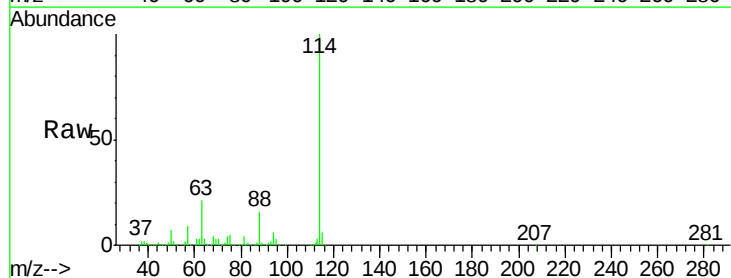
Tgt Ion: 114 Resp: 496546

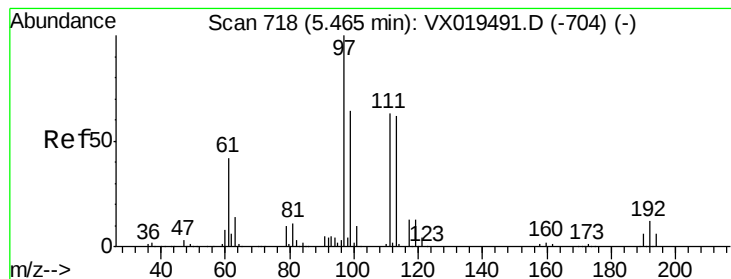
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.990 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019616.D

Acq: 24 Nov 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-15.5-16.5

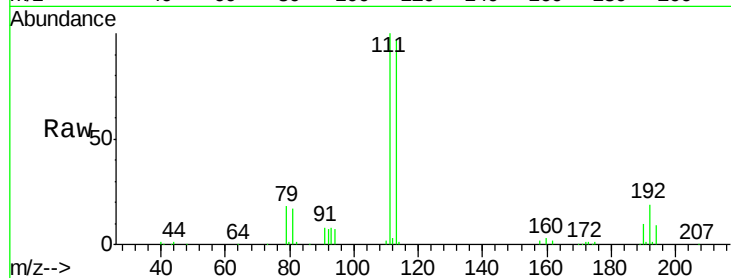
Tot Ion:113 Resp: 149577

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

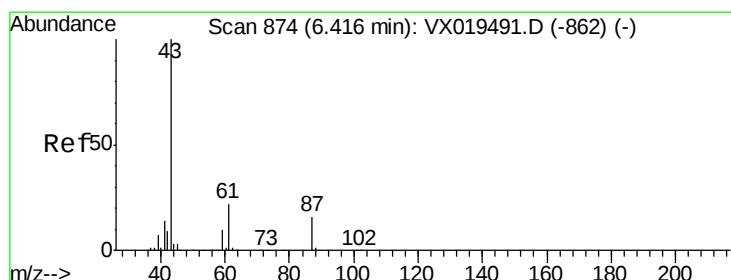
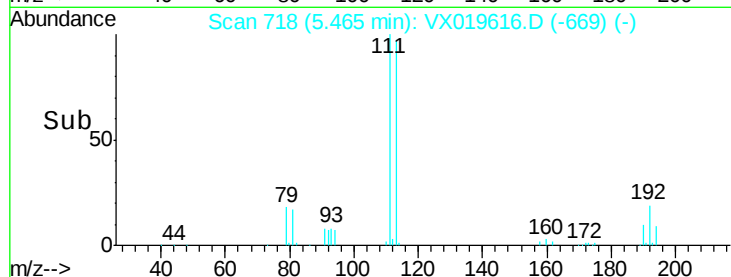
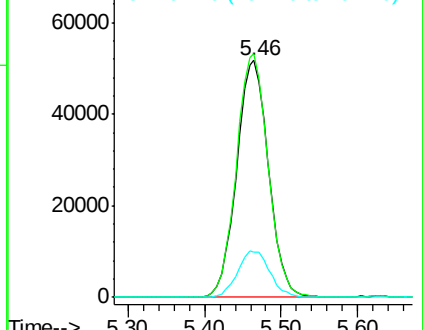
192 19.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 10.361 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019616.D

Acq: 24 Nov 2020 19:24

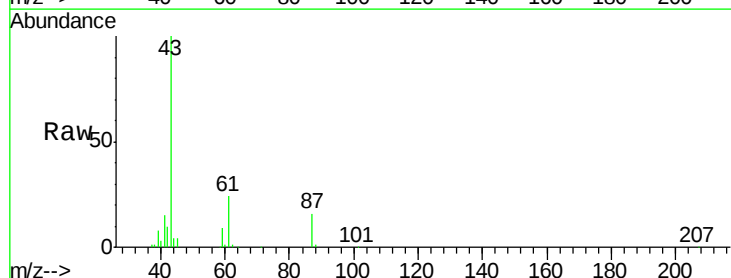
Tgt Ion: 43 Resp: 76115

Ion Ratio Lower Upper

43 100

61 23.3 18.2 27.2

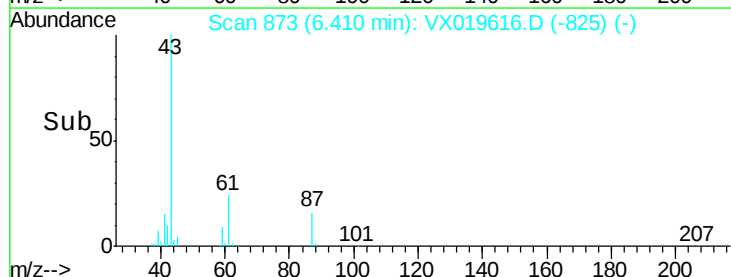
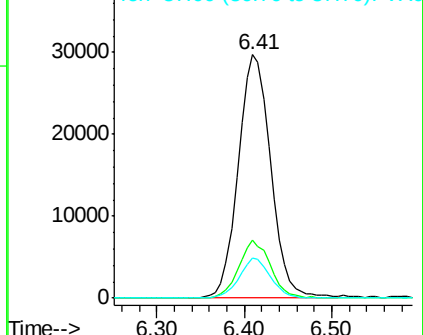
87 15.8 12.6 18.8

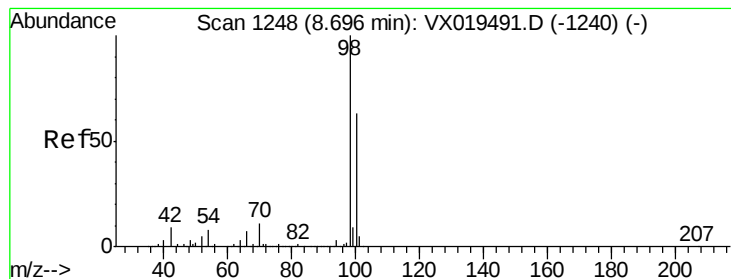


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.394 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019616.D

Acq: 24 Nov 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

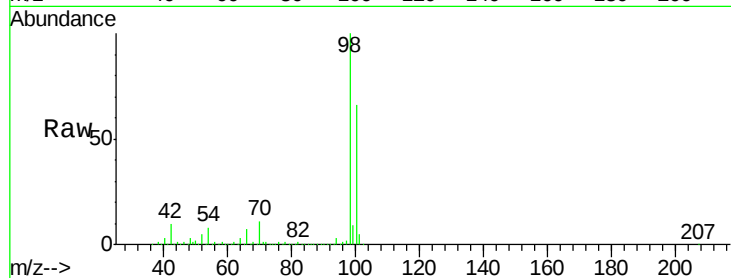
PAV-B48-112320-15.5-16.5

Tot Ion: 98 Resp: 610351

Ion Ratio Lower Upper

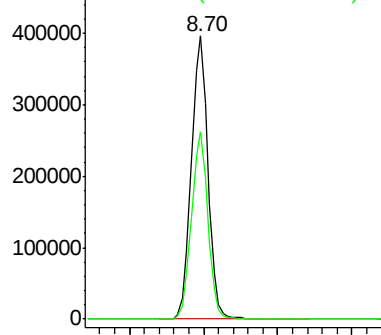
98 100

100 65.6 52.4 78.6

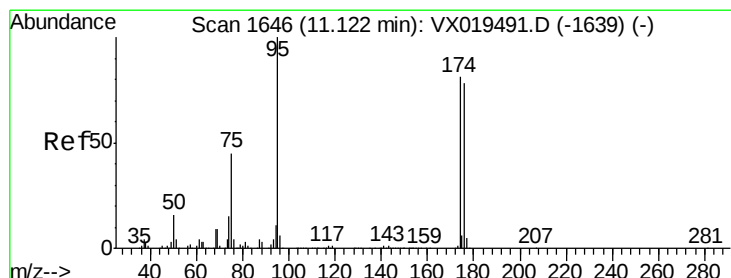
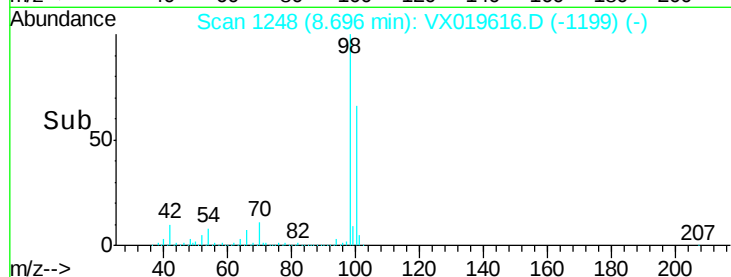


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 46.921 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019616.D

Acq: 24 Nov 2020 19:24

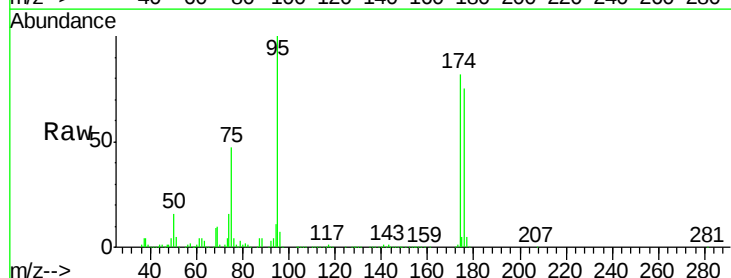
Tgt Ion: 95 Resp: 204464

Ion Ratio Lower Upper

95 100

174 77.5 0.0 156.2

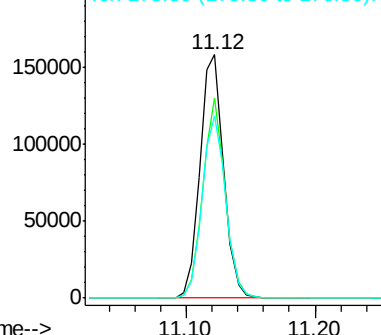
176 74.4 0.0 151.4



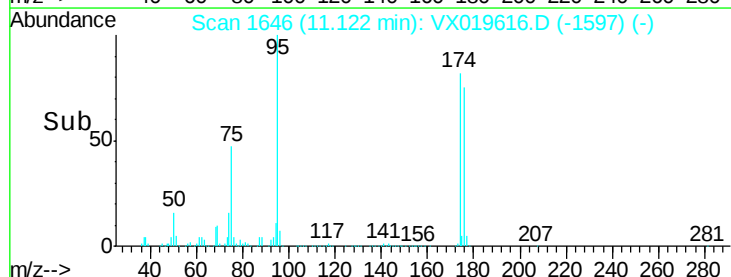
Abundance Ion 94.90 (94.60 to 95.60): VX0

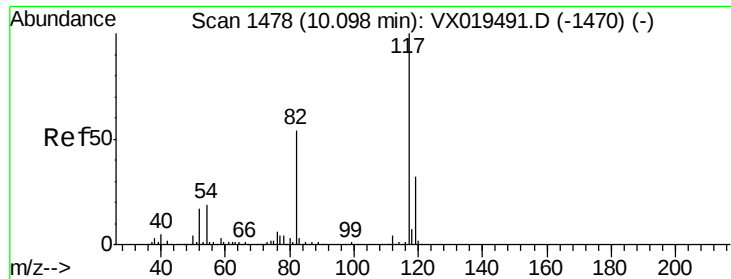
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

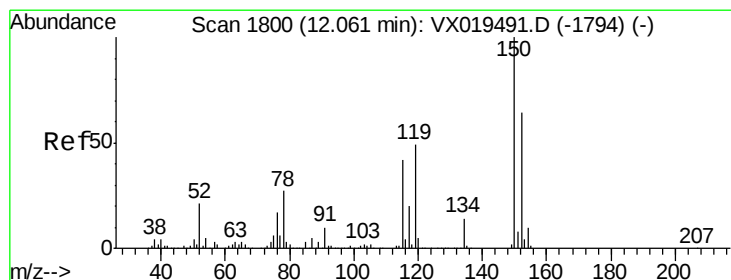
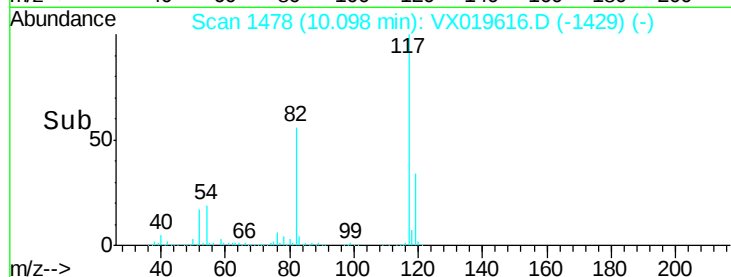
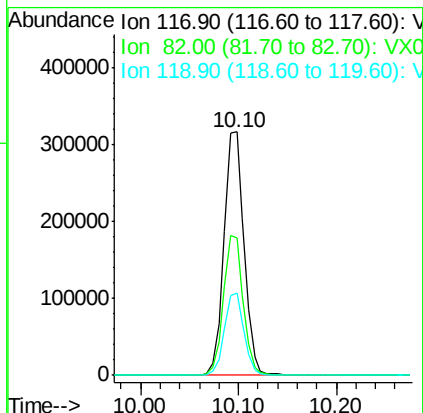
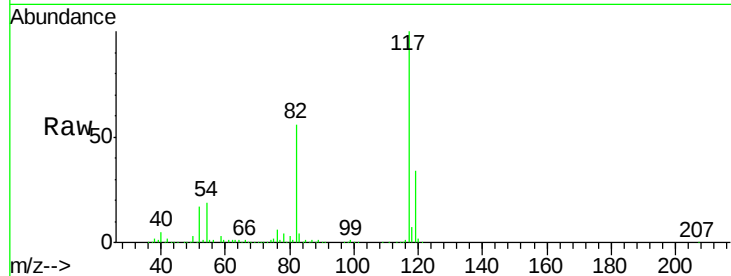




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019616.D
Acq: 24 Nov 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
PAV-B48-112320-15.5-16.5

Tot Ion:117 Resp: 452082
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 33.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019616.D
Acq: 24 Nov 2020 19:24

Tgt Ion:152 Resp: 186278
Ion Ratio Lower Upper
152 100
115 60.0 41.8 125.4
150 156.9 0.0 348.2

